

# MONTANA

## Science and Engineering Profile

	Montana	U.S.	Rank		Montana	U.S.	Rank
Doctoral scientists, 1993	1,581	430,332	44	Total R&D performance, 1993 (millions)	\$85	\$161,427	49
Doctoral engineers, 1993	111	81,293	48	Industry R&D, 1993 (millions)	\$14	\$117,622	49
S&E doctorates awarded, 1995	47	26,482	47	Academic R&D, 1994 (millions)	\$53	\$20,573	46
of which, in life sciences	34%	24%		of which, in life sciences	67%	55%	
in physical sciences	19%	14%		in physical sciences	9%	10%	
in psychology	17%	13%		in engineering	9%	16%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	27	36,143	48	expenditures, 1993 (millions)	\$377	\$163,994	48
S&E graduate students, 1994				Number of SBIR awards, 1990-94	31	18,023	40
in doctorate-granting institutions	1,296	438,694	44	Patents issued to state residents, 1995	122	55,717	42
Population, 1995 (000s)	870	262,755	44	Gross state product, 1992 (billions)	\$15.2	\$5,994.1	47
Civilian labor force, 1995 (000s)	436	132,281	44	of which, agriculture	6%	2%	
Personal income per capita, 1995	\$18,482	\$22,788	45	manufacturing, mining, construction	18%	23%	
Federal spending				transportation, communication, utilities	13%	9%	
Total expenditures, 1995 (millions)	\$4,808	\$1,326,294	45	wholesale and retail trade	16%	16%	
R&D obligations, 1994 (millions)	\$56	\$65,654	46	finance, insurance, real estate	17%	18%	
				services	17%	20%	
				government	15%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in Montana by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	56,420	28,782	0	3,873	21,368	1,018	1,379	46
<b>Department of Agriculture</b>	14,687	9,912	0	0	4,704	71	0	34
<b>Department of Commerce</b>	400	0	0	0	400	0	0	40
<b>Department of Defense</b>	1,264	64	0	142	1,023	35	0	50
<b>Department of Energy</b>	3,789	480	0	2,959	100	0	250	42
<b>Dept. of Health &amp; Human Services</b>	19,386	13,261	0	162	4,796	912	255	43
<b>Department of the Interior</b>	5,546	5,030	0	67	449	0	0	30
<b>Department of Transportation</b>	874	0	0	0	0	0	874	45
<b>Environmental Protection Agency</b>	134	0	0	0	134	0	0	45
<b>Nat'l Aeronautics &amp; Space Admin.</b>	1,722	35	0	543	1,144	0	0	41
<b>National Science Foundation</b>	8,618	0	0	0	8,618	0	0	38
<b>State rank</b>	46	42	na	48	46	48	42	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.